19980621.ba v02_n099.bam.980621 v02_n100.bam.980621

>From ???@??? Mon Jun 22 01:35:24 1998
Message-Id: <199806211432.JAA08188@sco.theporch.com>
Date: Sun, 21 Jun 1998 09:30:04 CDT
Subject: BOATANCHORS digest 2099

BOATANCHORS Digest 2099

Topics covered in this issue include:

1) Twist lock plugs, 30 MHz IF?
   by "Benjamin D. Hall" <kd5byb@WT.NET>
2) Site under construction.
   by "Arden Allen" <gumbear@pacbell.net>
3) Re: Modifying Mil. Boatanchors&'348
   by "Steve" <scb@mail.internettport.net>
4) analog computers
   by Mohammad Ali <mali1@lincoln.ecn.ou.edu>
5) Re: analog computers
   by Bill Jarvis <B.H.Jarvis@hw.ac.uk>
6) Re: analog computers
   by gpewitt@execpc.com
7) Re: Modifying Mil. Boatanchors&'348
   by Lenox Carruth <carruth@geo-thermal.com>
8) Re: analog computers
   by Bob Roehrig <broehrig@admin.aurora.edu>
9) Re: analog computers
   by ail0@lehigh.edu (ARTHUR I. LARKY)
10) Aluminum Corrosion
   by Mikhael Brown <mikhael@hpcmmp13.sj.hp.com>
11) Halli CRX-2 Schematic needed
   by Dexter Francis <cwest@xmission.com>
12) NCX-3 reduction drive
   by "Arden Allen" <gumbear@pacbell.net>
13) Report on Scott SLR-12B
   by WJoeW@aol.com
14) Drake 2 Line For Sale
   by Ken Lopez <kjlopez@earthlink.net>
15) FS: Drake 1A
   by "Paul Christensen" <paulc@mediaone.net>
16) Power supply for BC-348-R
   by PLT1032@aol.com
17) Strange tube IDs
   by "A.B. Bonds" <ab@vuse.vanderbilt.edu>
18) Re: Power supply for BC-348-R
   by Lenox Carruth <carruth@geo-thermal.com>
19) WTB Hammarlund HQ-215

by hikrbikr@erols.com
20) PRC-6 radios
by gpewitt@execpc.com

Message-Id: <3.0.32.19980619223301.00805320@mail.wt.net>
Date: Fri, 19 Jun 1998 22:33:04 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: "Benjamin D. Hall" <kd5byb@WT.NET>
Subject: Twist lock plugs, 30 MHz IF?
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Greetings y'all...

Thanks to everyone out there - got lots of good responses on my twist lock plug question. (individual thanks yous sent out)

Seems that there are more than one size of these rascals - finally found my McMaster-Carr CD at work and found no less than three plugs with the right configuration, but no diameters in the little pictures, ack! (and at $13 a pop, I'm not willing to experiment.)

So, I'm taking the next peice of advice, and will be heading down to the local electrician's supply outlet and see if they have something exactly the same or similar. Or, at the very least, to see if can they supply a NEMA or Hubbell part number.

Now onto the next question - I recently aquired a Panoramic / Singer Metrics SA-3 Panadaptor, with a 30 MC center frequency. I cannot remember reading anything on BA that talked about gear with a 30 MC IF. The unit has two tell-tale tags - one from the Chrysler Corporation (?), and another from NASA/KSC. 30 MC wouldn't be too bad of an IF freq for a VHF/UHF receiver, perhaps for a Nems-Clarke receiver?

So, the question is, anyone know of any common BA that uses 30 MC as the IF?

Thanks and 73,
Ben
---
Benjamin D. Hall, KD5BYB, Engine and radio collector / operator.
Located in Houston, Texas, USA.
e-mail: kd5byb@WT.net, web: ***down for refurbishment***
"An ye harm none, do what ye will."

Message-Id: <199806200441.VAA20184@mail-gw.pacbell.net>
From: "Arden Allen" <gumbear@pacbell.net>

To: Old Tube Radios <boatanchors@theporch.com>
Subject: Site under construction.
Date: Fri, 19 Jun 1998 21:03:16 -0700
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi all;

Maybe worth keeping an eye on: <http://www.radio-ware.com/bookcoll.htm>

Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

Message-Id: <199806200606.BAA23011@loki.internettport.net>
From: "Steve" <scb@mail.internettport.net>
To: Old Tube Radios <boatanchors@theporch.com>
Date: Sat, 20 Jun 1998 00:45:20 +0000
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Subject: Re: Modifying Mil. Boatanchors&'348
CC: boatanchors@theporch.com

" Quite curious to have your thoughts about modifying either a Mil or civilian Boatanchor to the latest spec, or demodifying to original configuration."

Hello, Andre & the group;

If its complete enough to restore or a historic rarity, restoration would probably be the way to go. Otherwise, I'd restore its original utility value, ensure safe reliable operation, and enjoy using it mainly as is. I'm not enthusiastic about extensive mods on vintage gear myself. If it won't do what you want as is, you really need a set that is already closer to your requirements to start with.
I acquired one, subsequently ID'ed as a BC-348L, that was redone as a ham/ SWL rig early on and decided to renovate it as such, rather than to restore it to military status. It had a cosmetic makeover sometime in its past (losing its ID tag) apparently to match whichever transmitter had silvery panel hardware on a light green panel and light gray case.The case had irreversible surgery as well.. All parts associated with the dyna supply were gone along with the bathtub capacitors. Bottom of chassis was a total rats nest with a sloppy mod that spoiled the function of the 6K6 headphone driver / shunt regulator, but top was nearly pristine and complete, indicating a caring long term owner. '348s are pretty common

and there are plenty of better candidates for authentic restoration out there.
The mods were immediately stripped and the rats nest wiring checked against the manual and tidied or redone.The mods I did were strictly for utility and safety. The dimmer rheo was missing so I filled the hole with a 25K pot in series with a .47 uf cap across the primary of the output xformer to function as a simple but effective progressive noise filter, necessary with headphone use. I ran both lo and hi Z outputs to each of the panel 'phone jax for versitility. Since I had to design and build an AC power supply to fit the dynamotor bay, I put a "soft" 225V clamp on the B bus in the set to keep surges well below 250V under all possible conditions of operation. 3 wire power cord and 3/4 Amp fuse complete the power supply. Panel function power switch is on the B bus to function as standby. All Paper capacitors were suspect and were replaced, including the one in the BFO can, the only one that's concealed on this set.The micas are generally OK & don't need attention. All resistors were measured as well and the out of tolerance ones replaced. Quickie IF alignment to the crystal and front end alignment to landmarks and it's ready to cook out to stability while bandcruising.

This is one of the nicest handling sets I've ever used and a great radio otherwise that does SSB(on MCW) as well as any other AM set I've used. Very stable after warmup and the BFO is rock solid. Uniquely elegant design and remarkably solid construction. Surplus SWLing at its best in the '50s and competent performance today. The radio works great ,as is, on headphones or can drive a line input on an amp from the hi Z socket for loudspeaker use.

Many of these found new life in the hands of postWW2 hams and I felt that this gave sufficient historical significance and interest to justify this revival approach. The flood of war surplus goodies that came available had a tremendous effect on the "hands-on" aspect of amateur radio and provided a plentitude of top quality parts and engineering for homebrew builder/modifiers, both in materials and example of correct design/construction. It was a wonderous time to be a kid in a small town with friendly & inventive ham friends.

My thanks go to Ken Corwin and Robert Downs for making this project possible by helping me ID and document this set.

Best Regards; Steve Bringhurst

Date: Sat, 20 Jun 1998 01:54:11 -0500 (CDT)
From: Mohammad Ali <mali1@lincoln.ecn.ou.edu>
To: Old Tube Radios <boatanchors@theporch.com>

Subject: analog computers
Message-ID: <Pine.OSF.3.95.980620015344.25651A-100000@lincoln.ecn.ou.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

does anybody know about analog computer (both tube and solid state)? they do the same work as a digital computer, but the programming used to be more of the hardware type(soldering,switches, relays). Whats good about analog computers (still good today) is the fact that analog electronics simulate math differentials equations with no need to translate into digital talk (binary, octal, or even decimal) before computing. Why do you think they they an op-amp and (mathematical) operational amplifier? Most tube type equipment uses analog principles (on the sole purpose of limiting tube(or transistor) use, in which digital needs a lot).

so i ask again has any body seen an analog computer specimen? (they were built up to the early 80's).

mali1@ou.edu
'73

Message-Id: <199806200825.JAA25236@punt2.hw.ac.uk>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
From: Bill Jarvis <B.H.Jarvis@hw.ac.uk>
CC: boatanchors <boatanchors@theporch.com>
Date: Sat, 20 Jun 1998 09:25:27 +500
Subject: Re: analog computers

On 1998-06-20 mali1@lincoln.ecn.ou.edu said:

> does anybody know about analog computer (both tube and solid state)? they do the same work as a digital computer, but the programming used to be more of the hardware type(soldering,switches, relays). Whats good about analog computers (still good today) is the fact that analog electronics simulate math differentials equations with no need to translate into digital talk (binary, octal, or even decimal) before computing. Why do you think they they an op-amp and (mathematical) operational amplifier? Most tube type equipment uses analog principles (on the sole purpose of limiting tube(or transistor) use, in which digital needs a lot).
> so i ask again has any body seen an analog computer specimen? (they were built up to the early 80's).
> mali1@ou.edu

'73

Yes; I used to write the instruction booklets for Unilab Ltd, Blackburn, Lancs, who sold anaologue computer plug-together modules in the late '70s. In those days, sixth formers (16 to 18 year olds) in the UK could be expected to understand and use differentiation and integration.

The op amps could be wired together to perform +, multiply, divide (more difficult), subtract, square, square root (not so easy; seldom necessary), take logs and add them, and most usefully integrate.

To differentiate electronically was so difficult (at every step the % of noise got exponentially worse!) that it was much easier to rearrange the equation so that integration sufficed. (Then, noise got less exponentially at each stage!).

The modules are still available, of course. Unilab were taken over by Philip Harris, who in turn have been taken over (by E J Arnold I _think_).

I would say that analogue computing involves an approach to an infinite number of steps instead of a binary number of guesses.....

As a teacher I found that students found it easy to understand, once they had understood integration as the area under a graph.

Easy simulations are ballistics, and damped oscillations. But one could equally well solve equations of complex electronic circuits containing L, C, R, valves, transistors, and AC of different frequencies. Almost impossible by other means, except for the few who enjoy such intellectual puzzles.

I'd say that if you find out what a circuit is going to do, by building it and applying the starting conditions as voltages, you _ARE_ running an analogue computer!

You could try asking Unilab (Blackburn, Lancs) for the catalogue of analogue computing modules. I think you would get a helpful reply.

In earlier years I made analogue computers using direct-coupled valve amplifiers. Op amps made the exercise a degree of magnitude easier.

Wash my mouth out!

```
============   =====   =====   BILL J.   =====   =====   ============
GM8APX, qthr                                  Edinburgh, Scotland, UK
```

Liber sum! (in voce falsetto)

Net-Tamer V 1.11 - Registered

From: gpewitt@execpc.com
Date: Sat, 20 Jun 98 06:53:23 PDT
Subject: Re: analog computers
To: Old Tube Radios <boatanchors@theporch.com>
Cc: boatanchors <boatanchors@theporch.com>
Message-ID: <Chameleon.980620070135.gpewitt@execpc.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Heathkit made an Analog computer, the EC-1. I have one. It has 9 op amps. It's on page 40 of the 1964 catalog. About the size of an R-390 but lighter. :-) No crt, you use a strip chart. Too bad I don't have a battleship, it would make a great ballistic computer.
73 Gary

---------------Original Message---------------
On 1998-06-20 mali1@lincoln.ecn.ou.edu said:

> does anybody know about analog computer (both tube and solid state)? they do the same work as a digital computer, but the programming used to be more of the hardware type(soldering,switches, relays). Whats good about analog computers (still good today) is the fact that analog electronics simulate math differentials equations with no need to translate into digital talk (binary, octal, or even decimal) before computing. Why do you think they they an op-amp and (mathematical) operational amplifier? Most tube type equipment uses analog principles (on the sole purpose of limiting tube(or transistor) use, in which digital needs a lot). so i ask again has any body seen an analog computer specimen? (they were built up to the early 80's).
> mali1@ou.edu
> '73

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Easy simulations are ballistics, and damped oscillations. But one could equally well solve equations of complex electronic circuits containing L, C, R, valves, transistors, and AC of different frequencies. Almost impossible by other means, except for the few who enjoy such intellectual puzzles.

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In earlier years I made analogue computers using direct-coupled valve amplifiers. Op amps made the exercise a degree of magnitude easier.

Wash my mouth out!

============   =====   =====   BILL J.   =====   =====   ============
GM8APX, qthr   Edinburgh, Scotland, UK

Liber sum! (in voce falsetto)

Net-Tamer V 1.11 - Registered

----------End of Original Message----------

Name: Gary Pewitt N9ZSV/KT
      6120 W. Calumet Rd. Apt 204
      Milwaukee, WI 53223
      414 355 8147 Home 414 297 4307 Work
E-mail: gpewitt@execpc.com

Date: 06/20/98
Time: 06:53:23

Message-ID: <358BAE6F.69021200@geo-thermal.com>
Date: Sat, 20 Jun 1998 07:43:27 -0500
From: Lenox Carruth <carruth@geo-thermal.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Modifying Mil. Boatanchors&'348
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Steve wrote: Speaking about the BC-348:

> The
> radio works great ,as is, on headphones or can drive a line input on
> an amp from the hi Z socket for loudspeaker use.

Using a matching transformer with an efficient speaker will give you plenty of audio without the need for a separate amplifier. I use a LS-7 on mine and it works great. You won't fill a concert hall with hi-fi sound but it is plenty for communications.

Lenox

Lenox Carruth, Jr.   carruth@geo-thermal.com   Dallas,
Texas
Collector of WW-II Communications Equipment and Memorabilia

Wanted: TCS-14 Transmitter, TBX, BD-71, Sextant

Date: Sat, 20 Jun 1998 08:47:30 -0500 (CDT)

From: Bob Roehrig <broehrig@admin.aurora.edu>
To: Old Tube Radios <boatanchors@theporch.com>
cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: analog computers
Message-ID: <Pine.ULT.3.96.980620084521.28722C-100000@admin.aurora.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 20 Jun 1998, Mohammad Ali wrote:

> so i ask again has any body seen an analog computer specimen? (they were built up to the early 80's).

The fire control system for the Nike missles used an analog computer to calculate the difference in position between the missle and the target.

"Nostalgia is a thing of the past"
E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI
CIS: Data / Telecom Aurora University, Aurora, IL
630-844-4898 Fax 630-844-5530

Message-Id: <199806201524.LAA37450@ns1-1.CC.Lehigh.EDU>
Date: Sat, 20 Jun 1998 11:24:26 EDT
From: ail0@lehigh.edu (ARTHUR I. LARKY)
Subject: Re: analog computers
To: Old Tube Radios <boatanchors@theporch.com>

Re: analog computers
Heath made an analog computer kit which I used at one time before we got digital with the Royal McBee LGP-30. It had a row of op-amps across the top and a patch panel with pots and switches and such. I'm sure that there were a number of them sold since I saw them at other places besides Lehigh. Long since gone and no hope of finding a manual.

We also had a network analyzer for power systems. It filled the room with meters and variacs and patch panels and could evaluate the three-phase voltages, currents, watts and vars for your power company's distribution network. A very expensive toy.

UofP Moore School did firing tables for Aberdeen Proving Grounds using an analog computer which had vacuum tube amplifiers to improve the accuracy of the integrators. That work led Mauchly to propose building ENIAC - Electronic Numerical Integrator and Calculator to do the same job more efficiently. ENIAC's virtue was that it would produce numeric solutions. The analog computer produced plots from which a crew of women would have to graphically obtain results - a slow and error-prone process.

Art K3HBA

Message-ID: <358BD87E.FB2A88E8@hpcmmp13.sj.hp.com>
Date: Sat, 20 Jun 1998 08:42:54 -0700
From: Mikhael Brown <mikhael@hpcmmp13.sj.hp.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Aluminum Corrosion
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Dave,

Phosphoric acid and acetic acid (vinegar) mixture is used as an aluminum etch. It would etch the aluminum but wouldn't affect the corrosion product which is aluminum oxide. The best way I found to remove corrosion is to use a pen type sand blaster with 220 grit abrasive. It gives you very good control in a very small area (1/8 inch). Then you can just touch up the small area. If you use any etching type of cleaner on aluminum, rinse it VERY well afterwards. Since any residue will continue to corrode the metal.

73's

Mike

--
This is a private opinion or statement and not of my employer.
Mikhael Brown, N6WIG
email: mikhael_brown@hp.com

Message-ID: <358B95CA.1EED13A5@xmission.com>
Date: Sat, 20 Jun 1998 10:58:19 +0000
From: Dexter Francis <cwest@xmission.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Halli CRX-2 Schematic needed
Content-Type: text/plain; charset=us-ascii; x-mac-type="54455854"; x-mac-creator="4D4F5353"
Content-Transfer-Encoding: 7bit

Greetings all-

I am attempting to reverse a solid state conversion of the power supply.

Need schematic or power supply topology, at least.
Will gladly reimburse costs.

-df

*** CWest - P.O. Box 22443 Salt Lake City, Utah 84122 ***
Visit our Web Page @ http://www.xmission.com/~cwest

Message-Id: <199806201755.KAA29307@mail-gw5.pacbell.net>
From: "Arden Allen" <gumbear@pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: NCX-3 reduction drive
Date: Sat, 20 Jun 1998 10:57:07 -0700
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Nationalists;

I'm looking for the planetary reduction drive for my NCX-3 that has lost its. I'll buy the part out of a parts unit or a whole junker if need be. Take a look in that dark corner please. If you find a power supply for an NCX-3 I could use that too. Thanks.

Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

From: WJoeW@aol.com
Message-ID: <b59c0f3e.358c1d66@aol.com>
Date: Sat, 20 Jun 1998 16:36:53 EDT
To: Old Tube Radios <boatanchors@theporch.com>
Mime-Version: 1.0
Subject: Report on Scott SLR-12B
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

I came back from HamCom (Arlington, TX) with a Scott SLR-12B (a true BA, regardless of your definition!).

This was, as I understand it, one of the last of the E. H. Scott radios, a "low radiation" receiver for use on ships so that the local oscillator could not be picked up by subs. It is massive and built like a battleship. Has a nice slide dial and a tuning eye. Covers BC to 15Mhz in three bands.

Checked the tubes and plugged it in, got a very weak signal. Pulled it out of the cabinet and noticed oil dripping out. I discovered that the previous owner had recapped, but left the old bathtubs in. After removing the RF covers, I discovered three "inside" oil bathtubs that were still connected in the circuit. One of these appeared to be the leaker.

I decided a manual would help. So, I put out a call which was answered by the Radio Era Archives folks in Dallas. Within a few days, they delivered me a nice reprint of the SLR-12B manual.

Removed the bathtubs in the RF section, recapped and then aligned per the manual.

I am now the happy owner of a very nice radio, which turns out to be an especially good BC band radio with a very big sound, thanks to the PP 6V6's.

Joe Watson
Oklahoma City

```
Message-ID: <358C2432.6A0A@earthlink.net>
Date: Sat, 20 Jun 1998 07:31:23 -0700
From: Ken Lopez <kjlopez@earthlink.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Drakelist <drakelist@baltimoremd.com>,
        Glowbugs <glowbugs@mines.uidaho.edu>
Subject: Drake 2 Line For Sale
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
```

Greetings;

I have to part with the following to finance other projects!

Drake 2C Receiver-Includes 2NB Noise Blanker, and 2AC Xtal Calibrator!
Drake 2CQ Speaker/Q Multiplier
Drake 2NT Transmitter
Drake DL 300 Dummy Load
A few FT-243 Crystals
Manuals (both are photocopies)

This set is in very nice physical and working condition. The copper chassis are very nice! Really a slick package station, with good looks to boot.

$425.00 Complete, plus shipping.

73,

Ken, N6TZV
kjlopez@earthlink.net
818-541-0712

Message-ID: <024f01bd9ca5$ce0f7ba0$a62c8118@6626hvt5p091.se.mediaone.net>
From: "Paul Christensen" <paulc@mediaone.net>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: "Drakelist" <drakelist@baltimoremd.com>,
"Glowbugs" <glowbugs@mines.uidaho.edu>
Subject: FS: Drake 1A
Date: Sat, 20 Jun 1998 19:47:37 -0400
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: 7bit

For Sale:

Beautiful Drake 1A in excellent cosmetic and electrical condition (Serial number 133) with original manual. $ 400 U.S. Postal Money Order + shipping.

-Paul

From: PLT1032@aol.com
Message-ID: <fa6705f4.358c553c@aol.com>
Date: Sat, 20 Jun 1998 20:35:07 EDT
To: Old Tube Radios <boatanchors@theporch.com>
Mime-Version: 1.0
Subject: Power supply for BC-348-R
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Hello, 348 fans!

What would be the minimum current from a transformer for B+ line on the
BC-348-R?
I have a N.I.B. TRIAD transformer that will supply 40 MA. Is this sufficient?

Bob Lindgren

Message-Id: <1.5.4.32.19980621023649.00716938@mailhost.vuse.vanderbilt.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Date: Sat, 20 Jun 1998 21:36:49 -0500

To: Old Tube Radios <boatanchors@theporch.com>
From: "A.B. Bonds" <ab@vuse.vanderbilt.edu>
Subject: Strange tube IDs

Been sorting out the last bits from the Great Ice Chest Haul of toobs. Most have found a home, either in the stash or in the trash. Trust me, guys, nothing of note went out the door. I had four strangoids left, two of which I ID'ed via Lud Sibley's Tube Lore. These were a 717A/VT269 (weird little octal toob looks like a mushroom), an RF pentode leading to the 6ak5, and a 3C31, a thyratron. One that I have less confidence in is 446A. This is octal, total length about 2 inches, looks like a four-story pagoda, with glass around the two middle stages. There is a 446A listed for Western Electric, says it's a 108 v regulator. Maybe, but this is a strange-lookin' regulator. The one that is a total mystery is a JAN-CHS-SN4. 4-pin base, a little taller than a GT (same diameter), could be a flash tube. Has a porcelain-carbon lower electrode and a metal upper electrode, about an inch apart.

???

73 A. B. Bonds

...Happiness is listening to a CV591A driven by an R390A..... Smooth.....

Message-ID: <358C7717.E952CF05@geo-thermal.com>
Date: Sat, 20 Jun 1998 21:59:35 -0500
From: Lenox Carruth <carruth@geo-thermal.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Power supply for BC-348-R
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi, Bob and the Group,

Checked all of my references and can't find a spec on the HV current drawn by the BC-348. However, the manuals spec the output of the dynamotor at 70 ma in one manual and 60 ma in another. They also state that 20 ma is available at the connector for external use.

By implication, this would mean that the receiver itself would need either 50 ma or 40 ma. I would suggest breadboarding the supply and measuring the current.

I checked the manuals for both series of BC-348, Surplus Conversion Manuals Vol. 1, Vol. 2, and Vol. 3, Surplus Schematics Manual and a Surplus Conversion Manual that covers only receivers. The conversion manuals give schematics of supplies with ratings from 75 ma to 100 ma but I don't think you need that much. I used a transformer and choke from a URM-25D that I got from Fair.

Let me know what you find out if you actually measure it.

--

Lenox

Lenox Carruth, Jr.   carruth@geo-thermal.com
Dallas, Texas
Collector of WW-II Communications Equipment and Memorabilia

Wanted: TCS-14 Transmitter, TBX, BD-71, Sextant

From: hikrbikr@erols.com
Message-ID: <358C0586.646@erols.com>
Date: Sat, 20 Jun 1998 19:55:02 +0100
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: "Perry, Hap - WA4UPV" <xrjg23a@prodigy.com>
Subject: WTB Hammarlund HQ-215
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hap Perry, WA4UPV, Navy captain and expert BA restorer (esp. Collins) asked me to look for an HQ-215 at the Frederick MD hamfest this Sunday. I will, but if you have one or know of one he might buy or swap for, please e-mail direct to...

xrjg23a@prodigy.com

...or call him in Northern Virginia at (703) 425-7341.

TNX ES 73!
Mike Steussy AE4R

From: gpewitt@execpc.com
Date: Sun, 21 Jun 98 09:23:16 PDT

```
Subject: PRC-6 radios
To: Old Tube Radios <boatanchors@theporch.com>
Message-ID: <Chameleon.980621093018.gpewitt@execpc.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I was just leafing through a new Sportsman's Guide catalog
and ran across some PRC-6 radios.  They are Israeli army
units and are not working.  But at less than $30.00 each
they might be of interest for fixer-uppers or parts units.
Not boatanchors but might hold a one man life raft. ;-)
The order number is 1-800-888-3006 and the item number is
F8M-31691.
I've bought a few items from the catalog and was always
satisfied.
-------------------------------------
Name: Gary Pewitt N9ZSV/KT
      6120 W. Calumet Rd. Apt 204
      Milwaukee, WI  53223
      414 355 8147 Home 414 297 4307 Work
E-mail: gpewitt@execpc.com
Date: 06/21/98
Time: 09:23:16


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End of BOATANCHORS Digest 2099
******************************


>From ???@??? Mon Jun 22 01:36:57 1998
Message-Id: <199806220337.WAA16157@sco.theporch.com>
Date: Sun, 21 Jun 1998 22:36:29 CDT
Subject: BOATANCHORS digest 2100

                  BOATANCHORS Digest 2100

Topics covered in this issue include:

  1) Re: Drake 1A
     by "Paul Christensen" <paulc@mediaone.net>
  2) FS: E.F. Johnson 1KW Matchbox
     by "Paul Christensen" <paulc@mediaone.net>
  3) Alum. Cover for 51J-3
     by "ROBERT F. KEMP" <rkemp@mr.net>
```

```
 4) Need Xtal
    by "James D. Mayfield" <kb9bnr@revealed.net>
 5) SCR-178 /179
    by Jacques Ransac <ransac@club-internet.fr>
 6) Need Info on Drake QXer.
    by "Jim Zellmer" <zellmer@raccoon.com>
 7) Re: Power supply for BC-348-R
    by "Steve" <scb@mail.internettport.net>
 8) SX-71 alignment help
    by "Larry Johnson" <k5yf@wt.net>
 9) SX-71 dial pointer options
    by "Larry Johnson" <k5yf@wt.net>
10) How To Charge Gel Batteries
    by John R Bookout K7JB <k7jb@uswest.net>
11) Fw: Need Info on Drake QXer.
    by "Jim Zellmer" <zellmer@raccoon.com>
12) Need Xtal, Thanks
    by "James D. Mayfield" <kb9bnr@revealed.net>
13) Re:  power supply for BC-348-R
    by Ray Mote <rmote@rain.org>
14) Heathkit BA
    by Robert Lawson <lawson_r@popmail.firn.edu>
15) INFO: QST Protection
    by Dick Dillman <ddillman@igc.apc.org>
16) Backsliding
    by Dick Dillman <ddillman@igc.apc.org>
17) Re: How To Charge Gel Batteries
    by Bill Hawkins <bill@iaxs.net>
18) WTD: Info on Millen Tuner/Preamp
    by "Richard Solomon" <w1ksz@tiac.net>
19) CQ TEST
    by Jerry Proc <jproc@idirect.com>
20) FS: ARC-5 trans. 2.1 - 3.0 MHz, $39
    by "Chuck O'Neal" <coneal@ultranet.com>
21) Re: VT-136...
    by "A.B. Bonds" <ab@vuse.vanderbilt.edu>
22) Re: CQ TEST
    by Ralph Parker <rparker@istar.ca>
23) Re: CQ TEST
    by Jerry Proc <jproc@idirect.com>
24) Re: How To Charge Gel Batteries
    by Bob Roehrig <broehrig@admin.aurora.edu>
25) Re: VT-136...
    by Bob Roehrig <broehrig@admin.aurora.edu>
26) SB-220 on Six meters?
    by Ralph Parker <rparker@istar.ca>
27) What Gonset is this?
    by "August H. Johnson" <kg7bz@whitemtns.com>
```

28) Swap meet finds & the usual request for assistance
    by "N. West" <ninaw@u.washington.edu>

```
----------------------------------------------------------------------
Message-ID: <00dd01bd9d23$7ad2e660$a62c8118@6626hvt5p091.se.mediaone.net>
From: "Paul Christensen" <paulc@mediaone.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Drake 1A
Date: Sun, 21 Jun 1998 10:47:14 -0400
MIME-Version: 1.0
Content-Type: text/plain;
     charset="us-ascii"
Content-Transfer-Encoding: 7bit
```

Thanks to all who replied. The Drake 1A has been sold.

-Paul

-----Original Message-----
From: Paul Christensen <paulc@mediaone.net>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: Drakelist <drakelist@baltimoremd.com>; Glowbugs
<glowbugs@mines.uidaho.edu>
Date: Saturday, June 20, 1998 7:47 PM
Subject: FS: Drake 1A

>For Sale:
>
>Beautiful Drake 1A in excellent cosmetic and electrical condition (Serial
>number 133) with original manual. $ 400 U.S. Postal Money Order +
shipping.
>
>-Paul
>

```
------------------------------
Message-ID: <010401bd9d24$58539ca0$a62c8118@6626hvt5p091.se.mediaone.net>
From: "Paul Christensen" <paulc@mediaone.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: FS: E.F. Johnson 1KW Matchbox
Date: Sun, 21 Jun 1998 10:53:25 -0400
MIME-Version: 1.0
Content-Type: text/plain;
     charset="us-ascii"
Content-Transfer-Encoding: 7bit
```

For Sale:

E.F. Johnson 1KW Matchbox with S.W.R. meter and directional coupler.
Unmodified and in Excellent condition. $295 + shipping.

-Paul, W9AC

Message-ID: <376E70F6.6D0D@mr.net>
Date: Mon, 21 Jun 1999 10:05:58 -0700
From: "ROBERT F. KEMP" <rkemp@mr.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Alum. Cover for 51J-3
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I'm in need of the top dust cover for a Collins 51J-3.
Anyone having one, please let me know.
Thanks.

Message-Id: <3.0.32.19980621104207.00688cf4@revealed.net>
Date: Sun, 21 Jun 1998 10:42:23 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: "James D. Mayfield" <kb9bnr@revealed.net>
Subject: Need Xtal
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello, Guys. I have a hallicrafters HT-32A transmitter. It has the 32.5 Mc
xtal installed for operation in the 28.5 to 29.0 Mc portion of the 10 meter
band. I would like to use it in the 28.0 to 28.50 portion. To do that I
need a 32.0Mc xtal. If you have one and would like to sell it, please drop
me a note.

73 Dave

****
J. Dave Mayfield KB9BNR

http://home.revealed.net/qste/bnr/kb9bnr.html
kb9bnr@revealed.net
http://home.revealed.net/qste/sale

Message-ID: <358D2864.64A2@club-internet.fr>
Date: Sun, 21 Jun 1998 17:47:36 +0200
From: Jacques Ransac <ransac@club-internet.fr>

MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: SCR-178 /179
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello,

I need the generator GN-37 which is a part of the SCR-178 or SCR-179.
That is the only part I miss to finish this set.

Jacques

Jacques Ransac   e-mail : ransac@club-internet.fr

Message-ID: <008301bd9d32$2df37ee0$14865aa5@Pzellmer.raccoon.com>
From: "Jim Zellmer" <zellmer@raccoon.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Need Info on Drake QXer.
Date: Sun, 21 Jun 1998 11:32:26 -0500
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I recently picked up a Drake QXer multiplier. The unit is intact, but I do not have any documentation. Can any one in BA land help me out. There is a row of 6 or 8 lugs on the chassis that are used to hook the unit up. It runs 455 KC. If I had information on the hook up I think I could put this thing to good use.

73 es God bless u es urs

Jim Zellmer, KA0VSL

Message-Id: <199806211703.MAA13523@loki.internettport.net>
From: "Steve" <scb@mail.internettport.net>
To: Old Tube Radios <boatanchors@theporch.com>
Date: Sun, 21 Jun 1998 11:42:14 +0000
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Subject: Re: Power supply for BC-348-R
CC: boatanchors@theporch.com

Hi Lenox;

Thought that the URM- 25 supply parts looked appropriate for the '348 but didn't have a junker to cannibalize or a source for a surplus '25 PS, so ended building mine out of this 'n that. Xformer from a Harman Kardon paging amp that had already given its life (output xformer) to an NC-183, and a 7 Hy potted choke from a late '30s mystery chassis. Went choke input to drop the volts w/o losing capacity due to current limiting losses. It would be nice if the '25 parts were available for backup or another project. Is there a source for them? Thanx.

Regards; Steve

Message-ID: <000101bd9d36$04f4f880$30998bce@k5yf>
From: "Larry Johnson" <k5yf@wt.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: SX-71 alignment help
Date: Sun, 21 Jun 1998 16:59:53 -0000
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Trying to bring a very sad SX-71 back to life. Making progress, but difficult. Have a couple of questions re alignment and was hoping somebody might be able to shed some light.

1. Alignment of bands 1 (BC), 2 (includes 80M), and 3 (includes 40M) seem to be good. Band 4 which goes from 13mc to 34mc, including 20M and 30M is giving me fits. Just can't quite seem to get it dead on. For example, if I align the tuning dial on the 20m mark, and the bandspread on 14.1, it's dead on with the signal generator. But then if I move the bandspread to 14.0, it's off by a sizable amount. There are no provisions for adjustment or alignment of the bandspread side. Then I got to wondering. Band 4 is pretty compressed covering the wide range it does. So now I'm wondering if this is a normal condition for a radio of this type, i.e., just have to get the tuning dial in the exact place which could be a matter of luck given the coarsness of the tuning dial scale vs. the freq range. Is this the case? Or should I be able to get it dead on from 14.0 all the way to 14.3 and for the 30M range also?

2. Second problem is w/ 6M. Inject the signal on 54mc like it says and I can't find the signal. Why? Cause there's one every 2mc on the band...at 41mc, 43mc, 45mc....53mc, 54mc. Obviously I've got some type of harmonics problem here. Any suggestions as to what to do on this? Cutting down the

signal generator doesn't help because then I hear nothing.

Larry Johnson, K5YF
Houston, Texas USA
e-mail: k5yf@wt.net

Message-ID: <000301bd9d37$93054480$30998bce@k5yf>
From: "Larry Johnson" <k5yf@wt.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: SX-71 dial pointer options
Date: Sun, 21 Jun 1998 17:11:04 -0000
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

More on the SX-71. The string (tuning dial) is sagging just slightly, and the pointer is off just a bit (accounted for that in my previous post re alignment of Band 4). But, to get it really right, I need to restring the tuning dial and realign the dial pointer. Looking at it, I see no way to get the dial pointer off the string safely. It was crimped and glued on to the string. If I can get it off and open the crimp enough, and put it back on without damaging it, that would be good.

However, I'm wondering if it would be easier to make new dial pointers. Does anyone have any suggestions for making new pointers or found any tricks for replacing dial pointers such as these? (Whoever cooked up some of the dial stringing arrangements on some of these radios was either extremely innovative, extremely frustrated, or a sadist...I'm not sure which....)

Larry Johnson, K5YF
Houston, Texas USA
e-mail: k5yf@wt.net

Message-ID: <358D41F5.600A2506@ptld.uswest.net>
Date: Sun, 21 Jun 1998 10:25:10 -0700
From: John R Bookout K7JB <k7jb@uswest.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: How To Charge Gel Batteries
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Hi Gang:

Can anyone describe how to properly charge Gel Cell Batteries? Also, if

the battery is 12 Volts, how far down can it be discharged without
damaging it?

Thanks, John

--
73's

John R Bookout

Amateur Radio K7JB
E-Mail: k7jb@ptld.uswest.net
Packet: K7JB @ K7JB.nwor.or.usa.na
R-390A's:
EAC 1475 & 2689
IMPERIAL 2168

Submissions r-390@qth.net

Message-ID: <003701bd9d3b$6e7da040$17865aa5@Pzellmer.raccoon.com>
From: "Jim Zellmer" <zellmer@raccoon.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Fw: Need Info on Drake QXer.
Date: Sun, 21 Jun 1998 12:38:40 -0500
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>I recently picked up a Drake QXer multiplier. The unit is intact, but I do
>not have any documentation. Can any one in BA land help me out. There is
a
>row of 6 or 8 lugs on the chassis that are used to hook the unit up. It
>runs 455 KC. If I had information on the hook up I think I could put this
>thing to good use.
>

>
>73 es God bless u es urs
>
>Jim Zellmer, KA0VSL
>
>

Message-Id: <3.0.32.19980621130258.0069d8e4@revealed.net>
Date: Sun, 21 Jun 1998 13:03:07 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: "James D. Mayfield" <kb9bnr@revealed.net>
Subject: Need Xtal, Thanks
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Guys I found someone with a complete set of the ten meter xtals for the HT-32A. Thanks a bunch, what a great group this is..

73 Dave

****
J. Dave Mayfield KB9BNR

http://home.revealed.net/qste/bnr/kb9bnr.html
kb9bnr@revealed.net
http://home.revealed.net/qste/sale

Date: Sun, 21 Jun 1998 11:06:45 -0700 (PDT)
From: Ray Mote <rmote@rain.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: power supply for BC-348-R
Message-ID: <Pine.SUN.3.96.980621110233.13103I-100000@coyote.rain.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

It's hard to think of anything to add to Lenox's fine reply! However, when you're in a tight spot, don't give up. You can always series the output windings of a pair of *small* (cheap) isolation transformers and use a full-wave sand-state (washing my mouth out with soap right now!) rectifier. It's cheap, it's always available, and it's dirt simple to do. Not like downtown, but it'll do. These old receivers will run just fine with anything above 200V on the plates most of the time. Heck, Larry Kayser is running considerably *less* than that on one command set receiver that I know of! (And it's sensitive as hell!)

73....Ray Mote, K5FKT <rmote@rain.org> Oxnard, CA

Date: Sun, 21 Jun 1998 14:17:55 -0400
From: Robert Lawson <lawson_r@popmail.firn.edu>
Subject: Heathkit BA
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <358D4E53.2EF3@popmail.firn.edu>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Greetings from the new US desert, formerly Northwest Florida.

I am trying to identify/find an old BA Heathkit CB that was made in the 60's. It was a GW-11 or 12 I believe. About 14 inches wide, 3 1/2 high, and maybe 10 inches deep. 23 channel tunnable receive and 2 channel transmit. Receiver tuning dial was circular on one side of the front face. It was biege/tan in color. Used a tan colored Turner plastic mic with coiled cord, hardwired to the unit.

When I was 14 I 'worked' in a TV shop, and this was the 'base' radio used for 'communicating' with the van. The owner used to get a chuckle (he told me years later) as I would always sweep the floor near the radio over and over as I listened to the skip roll in, neglecting the other areas of the shop.

Sure would like to find one and put it on 10 meters AM.

Thanks fellows.

Robert WPE4FGR W4RL Pensacola Florida

Date: Sun, 21 Jun 1998 16:37:11 -0700 (PDT)
Message-Id: <2.2.16.19980621163331.32878d74@pop.igc.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: Old Tube Radios <boatanchors@theporch.com>
From: Dick Dillman <ddillman@igc.apc.org>
Subject: INFO: QST Protection

Forgive me if everyone knows about this but me. But I've been trying for some time to find transparent plastic envelopes of the correct size to protect my QST collection. Today I found them at the local comic book store.

Fair warning: if the store in your town is anything like the one I went to here in San Francisco it might be a bit of a shock to those of us of a certain age who grew up on Capt. Marvel and Little Lulu from the local candy store. The topics that are considered appropriate for comics (or comix) these days are a bit, ah... different.

Anyway, one effect of the popularity of comics is that collectors take their preservation seriously. In fact there is an entire line of protection bags called the Comic Defense System. The "New Comic Size" bags (6-7/8" x 10-1/2") fit the old format QSTs perfectly. And of course they're made for magazine protection so there's no bad stuff in 'em like PVC or acids. I'm about half way through bagging my 1925 - 1955 collection and figured I'd take a minute off to post this note.

Regards,

Dick

Dick Dillman
<ddillman@igc.apc.org>
WPE2VT W6AWO
Collector Of Heavy Metal:
Harleys, Willys and Radios Over 100lbs.

Date: Sun, 21 Jun 1998 16:37:13 -0700 (PDT)
Message-Id: <2.2.16.19980621163333.32873cf6@pop.igc.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: Old Tube Radios <boatanchors@theporch.com>
From: Dick Dillman <ddillman@igc.apc.org>
Subject: Backsliding

Don't worry, I'm not going to bring up religion... although the level of involvement is about the same for some of us. No, I'm talking about a different kind of backsliding - backsliding the receiver you've been working on for weeks into the case and buttoning everything up. I had that pleasure just the other day as the AR-88LF, robust from its infusion of new condensers, perky from the alignment of its RF section and sporty with its newly cleaned and calibrated S meter, went back into its heavy steel black wrinkle painted cabinet. I gotta say it, she's a looker.

D.

Dick Dillman
<ddillman@igc.apc.org>
WPE2VT W6AWO
Collector Of Heavy Metal:
Harleys, Willys and Radios Over 100lbs.

Date: Sun, 21 Jun 1998 18:41:41 -0500 (CDT)
From: Bill Hawkins <bill@iaxs.net>
Message-Id: <199806212341.SAA13564@citrus.iaxs.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: How To Charge Gel Batteries

I do a fair amount of work with them for uninterruptible power to a frequency standard. I charge them with 100 ohms at 13.6 volts for a 12 volt battery about 2x2x4. The 13.6 is for any 12 volt gelcell, the 100 ohms depends on the size of the battery.

They're not reliable if they go under 9 volts. I've used 24 volts on a battery that wouldn't draw any current. 2 days later it charged up, but the capacity is low.

BA Bob has a treatise on battery charging. Might be in the archives.

Regards,
Bill Hawkins

Message-Id: <199806212355.TAA18550@mail-out-3.tiac.net>
From: "Richard Solomon" <w1ksz@tiac.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: WTD: Info on Millen Tuner/Preamp
Date: Sun, 21 Jun 1998 19:52:33 -0400
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

The rain has let up (somewhat) so knocked the mold off the shoes and went to the MIT Flea Market. It's about 70% computer related, some test equipment and very little radios. But I needed a fix so off I went. Found a nice clean Millen Tuner-Preamp (Model # 92101) with three coils (20, 11/10 and 6/5 meters). Anyone have a schematic for this oldie ? Did it come with other coils ? Will fire it up as soon as I find a power

connector (4 pin Cinch I think).
73 de Dick, W1KSZ

Message-ID: <358DAD7E.2348040A@idirect.com>
Date: Sun, 21 Jun 1998 21:03:59 -0400
From: Jerry Proc <jproc@idirect.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: CQ TEST
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Dear BA'ers,

I have no one to turn to who can answer this question. For years, now, I
have been hearing amateur stations that send CQ TEST almost every
weekend on 20 and 15 meters (when that band is open). What is it, some
perpetual secret contest ?

--

Regards,
Jerry Proc VE3FAB   jproc@idirect.com
Web: www3.sympatico.ca/hrc/haida
HMCS HAIDA Naval Museum, Toronto Ontario

Message-ID: <01BD9D58.C6DB8500@d80.dial-4.cmb.ma.ultra.net>
From: "Chuck O'Neal" <coneal@ultranet.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: FS: ARC-5 trans. 2.1 - 3.0 MHz, $39
Date: Sun, 21 Jun 1998 21:04:50 -0400
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

In good shape with all tubes, missing bottom
cover and antenna terminal. Front panel
and cabinet in very good+ shape, a bit dusty,
would clean up nicely. $39 plus shipping.
73,
Chuck...K1KW

Message-Id: <1.5.4.32.19980622011937.0070edf4@mailhost.vuse.vanderbilt.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Date: Sun, 21 Jun 1998 20:19:37 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: "A.B. Bonds" <ab@vuse.vanderbilt.edu>
Subject: Re: VT-136...

At 10:04 PM 6/20/98 -0500, you wrote:
>At 04:27 PM 6/20/98 -0700, Ken Gordon wrote:
>>anyone know what this is?
>>
>>Ken
>>
>
>
>Hmmmm...... Peaked my interest! Crosses over to a 1625, but lost it after
>that. Even Nostalgia Air doesn't have a listing on it. Anyone else?
>
1625 is a 12v 807, different base.
A. B. Bonds

Message-Id: <3.0.5.16.19980621183903.1d77a32a@istar.ca>
Date: Sun, 21 Jun 1998 18:39:03 -0700
To: Old Tube Radios <boatanchors@theporch.com>
From: Ralph Parker <rparker@istar.ca>
Subject: Re: CQ TEST
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Jerry and the gang:

>For years, now, I have been hearing amateur stations that send CQ TEST
>almost every weekend on 20 and 15 meters (when that band is open). What is
>it, some perpetual secret contest ?

Hi Jerry:
Yes, it is. Contesters (of whom I am one occasionally) hate to waste a
microsecond of precious QSO time sending characters that don't REALLY need
to be sent ;-). So "TEST" really does mean "conTEST".
Seems to be one almost every weekend. Tnx goodness the WARC bands are
exempt, and offer a refuge for those who don't partake.

Just wait till you hear the voice keyers that call CQ on SSB endlessly,
with maybe 1 second in between. What a waste of spectrum space.
73, Ralph, VE7XF

Message-ID: <358DC257.6A8DE111@idirect.com>
Date: Sun, 21 Jun 1998 22:32:56 -0400

From: Jerry Proc <jproc@idirect.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: CQ TEST
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ralph Parker wrote:

> So "TEST" really does mean "conTEST".
> Seems to be one almost every weekend. Tnx goodness the WARC bands are
> exempt, and offer a refuge for those who don't partake.
>
> Just wait till you hear the voice keyers that call CQ on SSB endlessly,
> with maybe 1 second in between. What a waste of spectrum space.
> 73, Ralph, VE7XF

Hi Ralph,

That certainly explains a piece of it but *WHAT* contest. How could I possibly tell the type of contest and what is required in the way of information exchange from ' CQ TEST'?

--

Regards,
Jerry Proc VE3FAB   jproc@idirect.com
Web: www3.sympatico.ca/hrc/haida
HMCS HAIDA Naval Museum, Toronto Ontario

Date: Sun, 21 Jun 1998 22:02:54 -0500 (CDT)
From: Bob Roehrig <broehrig@admin.aurora.edu>
To: Old Tube Radios <boatanchors@theporch.com>
cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: How To Charge Gel Batteries
Message-ID: <Pine.ULT.3.96.980621220035.9960C-100000@admin.aurora.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 21 Jun 1998, Bill Hawkins wrote:

> I do a fair amount of work with them for uninterruptible power to
> a frequency standard. I charge them with 100 ohms at 13.6 volts for

> a 12 volt battery about 2x2x4. The 13.6 is for any 12 volt gelcell,
> the 100 ohms depends on the size of the battery.
>
> They're not reliable if they go under 9 volts.

I agree with Bill. 13.6V is a good charge level but limit the current.
A lot of Gelcells will state the values on the side. If you discharge
them too far, they are goners. I certainly would not go below 9V as Bill
says. I also use one on a freq standard and have built in a low voltage
detect circuit to disconnect the load if the voltage dropes too low
(I think I chose 10V in my case).

"Nostalgia is a thing of the past"
E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI
CIS: Data / Telecom Aurora University, Aurora, IL
630-844-4898 Fax 630-844-5530

Date: Sun, 21 Jun 1998 22:08:36 -0500 (CDT)
From: Bob Roehrig <broehrig@admin.aurora.edu>
To: Old Tube Radios <boatanchors@theporch.com>
cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: VT-136...
Message-ID: <Pine.ULT.3.96.980621220715.9960E-100000@admin.aurora.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 21 Jun 1998, A.B. Bonds wrote:

> >Hmmmm...... Peaked my interest! Crosses over to a 1625, but lost it after
> >that. Even Nostalgia Air doesn't have a listing on it. Anyone else?
> >
> 1625 is a 12v 807, different base.
> A. B. Bonds

My chart also shows the VT-136 as a 1625. As A.B. says, its the 12
version of a 807 with a 7 pin base. Used in the Command transmiters
(ARC-5's, etc).

"Nostalgia is a thing of the past"
E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI
CIS: Data / Telecom Aurora University, Aurora, IL
630-844-4898 Fax 630-844-5530

Message-Id: <3.0.5.16.19980621202302.2f6761ec@istar.ca>
Date: Sun, 21 Jun 1998 20:23:02 -0700

To: Old Tube Radios <boatanchors@theporch.com>
From: Ralph Parker <rparker@istar.ca>
Subject: SB-220 on Six meters?
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Gang:
There must be an article somewhere about converting the Heath SB-220 amp to 50 mhz. Can anyone point me to it?
I do have the QST H&K about modifying the 10m position.
I would like to rip out the HF tank circuit and dedicate the unit to Six.
73, Ralph, VE7XF

Message-ID: <358DCE7E.6136@whitemtns.com>
Date: Sun, 21 Jun 1998 20:24:46 -0700
From: "August H. Johnson" <kg7bz@whitemtns.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: What Gonset is this?
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi All,

I've just received this 6 meter rig from a friend. It looks like a Communicator of some type, the odd thing is that it has nothing identifying it as Gonset except the Gonset on the meter and dial It looks like a Communicator III except that it has a square cabinet without the rounded corners. The color is sort of an off-white and it looks like the control labels were applied with rubber stamps dipped in blue paint the same color as the knobs. The knobs are the same as Communicator IIIs that I've seen. There's no handle on top, but instead there are two handles on the upper parts of the front. The paint job is a factory baked-on job, no question about that. I've placed a picture of most of all the front (as much as I can fit on my scanner) at http://www.whitemtns.com/~kg7bz/gonset.jpg for you to look at. I also will soon get the matching VFO that covers 6 & 2 meters as soon as my friend digs it out of a box in his basement. Anybody have an idea what this is?

73,
August

--
August Johnson KG7BZ   AMI 733   http://www.whitemtns.com/~kg7bz
P.O. Box 1987   mailto:kg7bz@whitemtns.com
Lakeside, AZ 85929-1987

Date: Sun, 21 Jun 1998 20:36:05 -0700 (PDT)
From: "N. West" <ninaw@u.washington.edu>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Swap meet finds & the usual request for assistance
Message-ID: <Pine.A41.3.96a.980621201036.13138B-100000@dante09.u.washington.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Picked up an old Tek 512 scope today. More of an antique restoration effort than anything else since I already have an operational 585A and 555. Did a quick power on, no trace and some tubes without glow. Didn't pursue it further because of Father's Day and beautiful weather. This will have to wait for rainy days, but does anyone have a manual or copy for this oldtimer? S/N is 2483.

Also picked up a Simpson M-48D/U in working condition with good 22.5 battery, but corroded 1.5 D cell. Need to fab up a new negative contact strip. Can anyone tell me what the 5Kv test lead looks like and where to locate one? The other test connections are pin plugs, but the HV is a recessed something or other. Also missing the front cover, any replacements out there?

Because it was father's day I got to go to the swap meet without the twin anklebiters and got to talk boatanchor scopes for a while with a couple of guys. Then it was off to Boeing Field with the boys (saw and felt Antonov-124 take off from perimeter fence) and then biking in the Cascades on the Iron Horse Trail. Not a bad Father's day at all.

Thanks for your help,
Fred Powell
c/o
ninaw@u.washington.edu

End of BOATANCHORS Digest 2100
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